

Client's ref.:
File: 0599-5133USF/Sue/JY

WHAT IS CLAIMED IS:

1. A moving-path editor used in an animation editing apparatus for editing a moving path of a selected multimedia object, comprising:

a browser interface including a transition parameter group, a rotation parameter group and a scale parameter group, which have a plurality of preloaded transition settings, a plurality of preloaded rotation settings and a plurality of preloaded scale settings, respectively;

an input module for respectively selecting a transition setting, a rotation setting and a scale setting from the preloaded transition settings of the transition parameter group, the preloaded rotation settings of the rotation parameter group and the preloaded scale settings of the scale parameter group; and

a combination module for combining the selected transition setting, the selected rotation setting, and the selected scale setting to create the moving path of the selected multimedia object.

2. The moving-path editor of claim 1, wherein the browser interface further includes a tree graph for illustrating the preloaded transition settings, the preloaded rotation settings and the preloaded scale settings.

3. The moving-path editor of claim 1, wherein the browser interface further includes a list graph for illustrating the preloaded transition settings, the

Client's ref.:
File: 0599-5133USF/Sue/JY

preloaded rotation settings and the preloaded scale settings.

4. The moving-path editor of claim 3, wherein the browser interface further includes a preview area for previewing the corresponding effect of selecting the preloaded transition settings, the preloaded rotation settings and the preloaded scale settings.

5. The moving-path editor of claim 1, wherein the combination module has an aggregation module for selectively combining at least two of the preloaded transition settings to generate the selected transition setting.

6. The moving-path editor of claim 1, wherein the combination module has an aggregation module for selectively combining at least two of the preloaded rotation settings to generate the selected rotation setting.

7. The moving-path editor of claim 1, wherein the combination module has an aggregation module for selectively combining at least two of the preloaded scale settings to generate the selected scale setting.

8. The moving-path editor of Claim 1, further comprising an addition/deletion module for adding or deleting the preloaded transition settings of the transition parameter group.

9. The moving-path editor of claim 1, further

10076512-024903

Client's ref.:
File: 0599-5133USF/Sue/JY

comprising an addition/deletion module for adding or deleting the preloaded rotation settings of the rotation parameter group.

10. The moving-path editor of claim 1, further comprising an addition/deletion module for adding or deleting the preloaded scale settings of the scale parameter group.

11. A method of editing a moving path of a multimedia object, comprising the following steps:

selecting a transition setting from a plurality of preloaded transition settings pertaining to a transition parameter group;

selecting a rotation setting from a plurality of preloaded rotation settings pertaining to a rotation parameter group;

selecting a scale setting from a plurality of preloaded scale settings pertaining to a scale parameter group;

creating a moving-path setting by combining the selected transition setting, the selected rotation setting and the selected scale setting; and

applying the moving-path setting to the multimedia object for generating the moving path of the multimedia object.

12. The method of claim 11, wherein the step of creating the moving-path setting further includes a step of independently accumulating at least two of the preloaded

Client's ref.:
File: 0599-5133USF/Sue/JY

transition settings pertaining to the transition parameter group to generate the selected transition setting.

13. The method of claim 11, wherein the step of creating the moving-path setting further includes a step of independently accumulating at least two of the preloaded rotation settings pertaining to the rotation parameter group to generate the selected rotation setting.

14. The method of claim 11, wherein the step of creating the moving-path setting further includes a step of independently accumulating at least two of the preloaded scale settings pertaining to the scale parameter group to generate the selected scale setting.

15. The method of claim 11, further comprising a step of adding or deleting the the preloaded transition settings pertaining to the transition parameter group, the preloaded rotation settings pertaining to the rotation parameter group and the preloaded scale settings pertaining to the scale parameter group.

16. The method of claim 13, further comprising a step of previewing the corresponding effect of selecting the preloaded transition settings, the preloaded rotation settings and the preloaded scle settings in a preview area.